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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TITLE: WIRE MATERIAL FOR COIL EXPANDER AND COIL EXPANDER

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AMENDED ABSTRACT

~~A main object of the present invention is to provide a wire material for a coil expander capable of manufacturing a coil expander that is unlikely to cause disadvantages such as abnormal wear and resultant reduction in strength, without troublesome job. The present invention overcomes the above problem by providing a wire material for a coil expander is used for a coil expander of a combination piston ring comprising having a piston ring and the coil expander for pressing and urging the piston ring outward in the radial direction thereof, wherein a cross-sectional shape thereof is a rectangular shape, and when the coil expander is formed by using the wire material for a coil expander, the surface of the wire material for a coil expander, constituting an outer peripheral surface of the coil expander, is formed into a convex curved shape.~~